

FEAST - (Untitled1:1)

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- > Drafts
- > Pending
- + Active
  - > L1: (2) easy adj1 magnetization
  - > L2: (3300) easy adj1 magnetization
  - > L3: (285586) tilt or tilted or slant or slanted
  - > L4: (24) 2 with 3
  - > L5: (1866460) medium or record or recording
  - > L6: (2314) 4 and 2 and 3

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<input type="checkbox"/>	dept = 100-109 OR 110-119 OR 120-129 OR 130-139 OR 140-149 OR 150-159 OR 160-169 OR 170-179	
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Document ID	Issue Date	Page	Title	Subject	Priority	Category	Author	Editor	Reviewer
1. P r US 20040165321	20040826		Spin valve magnetoresistive element	360/324.11	29/603.08		Hasegawa, Naoya et al.	□	□ □ □ □ □
2. P r US 20040114285	20040617		Magnetoresistive head	360/324.12			Ishikawa, Chiaki et.al.	□	□ □ □ □ □
3. P r US 20040113175	20040617		Magnetic memory device and manufacturing method	257/200			Motoyoshi, Makoto et.al.	□	□ □ □ □ □
4. P r US 2004010Q835	20040527		Magnetic memory cell and magnetic random access memory	365/200			Sugabayashi, Tadahiko et.al.	□	□ □ □ □ □
5. P r US 20031002	20030184396		Master information carrier...method for prod	360/17			Ishida, Tatsuaki et.al.	□	□ □ □ □ □
6. P C US 20030163913	20030904		Method for manufacturing magnetic disk	29/603.07	29/603.13; 29/603.15		Hasegawa, Naoya et al.	□	□ □ □ □ □
7. P r US 20021024	20020154580		Optical disk and method of magnetically separating	369/13.55			Birukawa, Masahiro et.al.	□	□ □ □ □ □
8. P C US 20020829	20020118477		Method for forming a magnetic pattern in a master information carrier	360/55			Ikeda, Hiroyuki et.al.	□	□ □ □ □ □
9. P r US 20020801	20020101670		Master information carrier...process for prod	360/17			Ishida, Tatsuaki et.al.	□	□ □ □ □ □
10. P r US 20020801	20020101669		Master information carrier...process for prod	360/17			Ishida, Tatsuaki et.al.	□	□ □ □ □ □
11. P r US 20020725	20020097560		Magnetic pattern forming method...magnetic	369/13.24	369/117		Seo, Yuzo et al.	□	□ □ □ □ □
12. P r US 20020711	20020089769		Master information carrier...process for prod	360/17			Ishida, Tatsuaki et.al.	□	□ □ □ □ □
13. P r US 20020711	20020089768		Master information carrier...process for prod	360/17			Ishida, Tatsuaki et.al.	□	□ □ □ □ □
14. P r US 20020620	2002Q075583		Master information carrier...method for prod	360/17			Ishida, Tatsuaki et.al.	□	□ □ □ □ □
15. P C US 20020425	20020048692		Disk medium and disk apparatus	428/694TS			Hosokawa, Tetsuo et.al.	□	□ □ □ □ □
16. P r US 20011004	20010026425		Magnetoresistive head, manufacture thereof, a	360/327.31	29/603.14; 360/317;		Miyazawa, Kenichi et.al.	□	□ □ □ □ □
17. P r US 6816330	20041109	B2	Method for forming a magnetic pattern in a master information carrier	360/59	360/55; 360/57;		Ikeda, Hiroyuki et.al.	□	□ □ □ □ □
18. P r US 6699601	20040302	B1	Magnetic recording medium, method of produc	428/694TS	427/130; 427/131;		Sato, Kenji et al.	□	□ □ □ □ □

#	Document ID	Issue Date	Pages	Title	Current	DR Current	DR Relevancy	Inventor	S	C	P	R	M	N
39	F R US 6690626	20040210	B2	Optical disk with magnetic layer separate	369/13.55	369/13.42; 369/275.4;		Birukawa; Masahiro et.al.	R	R	R	R	R	
26	F R US 6665156	20031216	B2	Magnetoresistive head, manufacture thereof, an	360/327.31			Miyazawa; Kenichi et.al.	R	R	R	R	R	
21	F R US 6606209	20030812	B2	Master information carrier...method for pro	360/17	360/15		Ishida; Tatsuaki et.al.	R	R	R	R	R	
22	F R US 6606208	20030812	B2	Master information carrier...method for pro	360/17	360/15		Ishida; Tatsuaki et.al.	R	R	R	R	R	
23	F R US 6590727	20030708	B2	Master information carrier...method for pro	360/17	360/16		Ishida; Tatsuaki et.al.	R	C	R	C	C	
24	F R US 6587290	20030701	B2	Master information carrier...method for pro	360/17	360/16		Ishida; Tatsuaki et.al.	C	R	R	C	C	
25	F C US 6567227	20030520	B2	Master information carrier...method for pro	360/17			Ishida; Tatsuaki et.al.	R	C	R	C	C	
26	F R US 6500567	20021231	B1	Ultra-thin nucleation layer for magnetic thin	428/667	204/192.2; 427/128;		Bertero; Gerardo et.al.	C	R	R	R	R	
27	F C US 6438025	20020820	B1	Magnetic memory device	365/158	365/171; 365/209;		Skarupo; Sergei	R	C	R	C	C	
28	F R US 6426853	20020730	B1	Magnetoresistive effect sensor...thin-film maone	360/324.11	360/324.12		Sakai; Masanori et.al.	R	R	R	R	R	
29	F R US 6347016	20020212	B1	Master information carrier...process for pr	360/17	360/135; 360/75;		Ishida; Tatsuaki et.al.	R	R	R	R	R	
30	F R US 6335846	20020101	B1	Vertical magnetic head having a magnetic circu	360/123	29/603.23		Gaud; Pierre et al.	R	R	R	R	R	
31	F R US 6331364	20011218	B1	Patterned magnetic recording media contain	428/694T	428/694TS; 428/900		Baglin; John Edward Eric et.al.	R	R	R	R	R	
32	F C US 6172859	20010109	B1	Magnetoresistive head and magnetic disk appar	360/327.3			Watanabe; Katsuro et.al.	R	C	R	C	C	
33	F R US 6163435	20001219	A	Vertical magnetic head having a magnetic circu	360/123	29/603.23		Gaud; Pierre et al.	C	R	R	C	C	
34	F C US 6157526	20001205	A	Magnetoresistive head and magnetic disk appar	360/324.12			Watanabe; Katsuro et.al.	R	C	R	C	C	
35	F R US 6154349	20001128	A	Magnetoresistive transducer including Co	360/324.12	360/324.11		Kanai; Hitoshi et.al.	C	R	R	C	C	
36	F C US 6150015	20001121	A	Ultra-thin nucleation layer for magnetic thin	428/332	204/192.2; 427/128;		Bertero; Gerardo et.al.	R	C	R	C	C	
37	F R US 6110609	20000829	A	Magnetic thin film and magnetic head using the	428/692	324/252; 360/128;		Hiramoto; Masayoshi et.al.	C	R	R	C	C	
38	F R US 6104189	20000815	A	Magnetoresistive sensor having at least one la	324/252	29/603.14; 338/32R;		Allenspach; Rolf et.al.	R	R	R	R	R	
39	F R US 6063489	20000516	A	Magnetic recording medium comprising a mix	428/328	324/252; 428/329;		Kobayashi; Hideyuki et.al.	R	R	R	R	R	
40	F R US 6016243	20000118	A	Magnetic head having recording medium facing	360/127	428/336; 360/122		Nihei; Yukari et.al.	R	R	R	R	R	
41	F C US 5995338	19991130	A	Magnetoresistive head and magnetic disk appar	360/324.12			Watanabe; Katsuro et.al.	R	C	R	C	C	
42	F R US 5867025	19990202	A	Magnetoresistive spin valve sensor with stepp	324/252	338/32R; 360/324.1;		Allenspach; Rolf et.al.	C	R	R	C	C	
43	F R US 5796533	19980818	A	System for magnetic	360/17	428/694T		Kitaori; Noriyuki	R	C	R	C	C	

No.	Document No.	Issue Date	Pages	Title	Current Class	Current Sub Class	Relevant	Inventor	Category	Priority
47	F A US 5796533	19980818		System for magnetic contact duplication	360/17	428/694T		Kitaori; Noriyuki et.al.	R R R R R	
48	F A US 5754376	19980519		Magnetoresistive head with hard magnetic bias	360/327.31			Kobayashi; Toshio et.al.	R R R R R	
49	F A US 5741373	19980421		Fe based soft magnetic alloy... magnetic material	148/306	148/305; 148/310;		Suzuki; Kiyonori et.al.	R R R R R	
50	F A US 5695864	19971209		Electronic device using magnetic components	428/212	324/252; 338/32B1		Slonczewski; John Casimir	R R R R R	
51	F A US 5605733	19970225		Magnetic recording medium... method for its	428/65.3	427/127; 427/128;		Ishikawa; Akira et.al.	R R R R R	
52	F A US 5559653	19960924		Thin film magnetic head having a multilayer upp	360/126	360/122; 360/123		Shouji; Shigeru et.al.	R R R R R	
53	F A US 5554440	19960910	32	Magnetic recording medium... method for a	428/336	428/694SL; 428/694T		Ishida; Tatsuaki et.al.	R R R R R	
54	F A US 5534324	19960709	10	Magnetic recording medium... method for a	428/694T	428/611; 428/678;		Sugita; Ryuji et.al.	R R R R R	
55	F A US 5492774	19960220	24	Perpendicular magnetic recording medium... or	428/694R	360/119; 427/128;		Tateno; Yasuo et.al.	R R R R R	
56	F A US 5449419	19950912		Fe based soft magnetic alloy... magnetic materia	148/306	148/305; 148/310;		Suzuki; Kiyonori et.al.	R R R R R	
57	F A US 5427869	19950627	8	Magnetic recording medium... method for a	428/694T	427/599; 428/900		Sugita; Ryuji et.al.	R R R R R	
58	F A US 5418059	19950523	7	Magnetic recording medium... method for a	428/332	428/336; 428/611;		Sugita; Ryuji et.al.	R R R R R	
59	F A US 5368986	19941129		Information recording media... manufacturing me	430/270.12	369/275.1; 369/275.4;		Terao; Motoyasu et.al.	R R R R R	
60	F A US 5349478	19940920	16	Magnetic recording media... reproducing meth	360/55			Sato; Kenichi et.al.	R R R R R	
61	F A US 5317555	19940531		Optical head device utilizing partially ove	369/110.04	369/13.28		Takahashi; Akira et.al.	R R R R R	
62	F A US 5274521	19931228		Planar thin film magnetic head	360/119	360/125; 360/126;		Miyauchi; Teiichi et.al.	R R R R R	
63	F A US 5239532	19930824		Drive arrangement for the writing/reading hea	720/676	360/59; 369/13.11;		Hensing; Johannes M. M. et.al.	R R R R R	
64	F A US 5202149	19930413	13	Method for making a magnetic recording medi	427/534	204/192.32		Ishida; Tatsuaki et.al.	R R R R R	
65	F A US 5191562	19930302		Positioning system for the heads of a magneto-	369/13.2	720/676		Hensing; Johannes M. M. et.al.	R R R R R	
66	F A US 5186977	19930216		Method for manufacturing functional	427/132	427/130; 427/248.1;		Maezawa; Yoshiharu et.al.	R R R R R	
67	F A US 5179544	19930112		Control system for the magnetic head of a mag	369/13.2	360/59		Hezemans; Cornelius A. et.al	R R R R R	
68	F A US 5126902	19920630		Floating type magnetic head	360/234.9	360/120; 360/126		Takahashi; Hideji et.al.	R R R R R	
69	F A US 4967289	19901030		PCM signal recording apparatus	386/104	360/68		Kanota; Keiji et.al.	R R R R R	
70	F A US 4949039	19900814		Magnetic field sensor with ferromagnetic thin	324/252	257/E43.00		Grunberg; Peter	R R R R R	
71	F A US 4626947	19861202		Thin film magnetic head	360/126	51; 360/122;		Narishige; Shinji	R R R R R	

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58	F A US 4618901	19861021		High density magnetic head	360/125	360/110; 360/114.05;			Hatakeyama; Iwao et.al.	C	G	P	D
59	F A US 4486498	19841204		Magnetic recording medium	428/333	428/457; 428/694T;			Saito; Seitoku	C	G	P	D
70	F A US 4486496	19841204	8	Magnetic recording medium	428/328	252/62.54; 360/134;			Dezawa; Shin-ichiro et.al.	C	G	P	D
71	F A US 4442159	19840410	6	Magnetic recording medium	428/212	252/62.54; 360/134;			Dezawa; Shin-ichiro et.al.	C	G	P	D
72	F A US 4416943	19831122		Magnetic recording medium	428/333	428/457; 428/694T;			Saito; Seitoku	C	G	P	D
73	F A US 4388367	19830614		Perpendicular magnetic recording medium and fa	428/323	205/162; 205/255;			Chen; Tu et al.	C	G	P	D
74	F A US 4316927	19820223		Magnetic recording medium	428/216	360/134; 427/129;			Kimura; Shigeo et al.	C	G	P	D
75	F A US 3996576	19761207		Optical waveguide magnetic bubble detecti	365/10	365/33; 365/36;			Bullock; David Carl	C	G	P	D
76	F C US 3947889	19760330		Electromagnetic transducers	360/315	338/32R; 360/122;			Lazzari; Jean-Pierre	C	G	P	D
77	F A US 3945038	19760316	6	Read-write magnetoresistive transd	360/315	257/E43.00 4;			Lazzari; Jean-Pierre	C	G	P	D
78	F A US 3879760	19750422	5	Magnetic transducers	360/315				Lazzari; Jean-Pierre	C	G	P	D
79	F A US 3848217	19741112	5	MAGNETORESISTIVE DEVICES AND TRANSDUCERS	338/32R	257/E43.00 4;			Lazzari; Jean-Pierre	C	G	P	D
80	F A US 3699550	19721017		BINARY CODED INFORMATION STORES	365/136	365/195; 365/86			Spain; Robert J.	C	G	P	D
81	F A US 3676873	19720711		MAGNETIC BUBBLE CROSSOVER CIRCUIT	365/13	365/39			Lee; Fred S.	C	G	P	D
82	F A JP 10188259	19980721	5	MAGNETIC RECORDING MEDIUM AND MAGNETIC REC					YOSHIDA, KAZUYOSHI	C	G	P	D
83	F C JP 09212855	19970815	9	MAGNETIC RECORDING MEDIUM..MAGNETIC HEAD.					TAKAYAMA, TAKANOBU et.al.	C	G	P	D
84	F A JP 09115114	19970502		MAGNETORESISTANCE ELEMENT..AND. MAGNETIC H					ISHIKAWA, CHIAKI et.al.	C	G	P	D
85	F C JP 04206017	19920728	4	MAGNETIC RECORDING MEDIUM AND MANUFACTURE					SUGITA, RYUJI	C	G	P	D
86	F A JP 03086913	19910411	4	MAGNETIC RECORDING MEDIUM AND ITS PRODUCTI					SUGITA, RYUJI et al.	C	G	P	D
87	F A JP 62060119	19870316	9	MAGNETIC RECORDING MEDIUM AND ITS PRODUCTI		68/23.7; 428/694T			ISHIZAKA, YASUO	C	G	P	D
88	F A JP 59151342	19840829	4	MAGNETIC RECORDING MEDIUM. AND.ITS. MANUFACT		427/128			KISHIMOTO, MIKIO et.al.	C	G	P	D
89	F A JP 59071121	19840421	4	VERTICAL MAGNETIZATION REPRODUCING HEAD					KANAI, KENJI et al.	C	G	P	D
90	F C JP 57150143	19820916		MANUFACTURE FOR MAGNETIC RECORDING MEDI					HANABUSA, HIROAKI et.al.	C	G	P	D
91	F A JP 57150141	19820916		MANUFACTURE FOR MAGNETIC RECORDING MEDI					HANABUSA, HIROAKI et.al.	C	G	P	D
92	F A JP 56094520	19810731		MAGNETIC RECORDING MEDI MAGNETIC RECORDING		428/692;			SUGITA, RYUJI et al.	C	G	P	D

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Document ID	Issue Date	Pages	Title	Current IP	Current IR	Relevance	Inventor	C	C	C	C	C
70 P US 4486496 A 19841204 8 Magnetic recording medium				428/328	252/62.54; 360/134;		Dezawa; Shin-ichiro et al.	Y	Y	Y	Y	Y
71 P US 4442159 A 19840410 6 Magnetic recording medium				428/212	252/62.54; 360/134;		Dezawa; Shin-ichiro et al.	Y	Y	Y	Y	Y
72 P US 4416943 A 19831122 Magnetic recording medium				428/333	428/457; 428/694T;		Saito; Seitoku	Y	Y	Y	Y	Y
73 P US 4388367 A 19830614 Perpendicular magnetic recording medium and a				428/323	205/162; 205/255;		Chen; Tu et al.	Y	Y	Y	Y	Y
74 P US 4316927 A 19820223 Magnetic recording medium				428/216	360/134; 427/129;		Kimura; Shigeo et al.	Y	Y	Y	Y	Y
75 P US 3996576 A 19761207 Optical waveguide magnetic bubble detector				365/10	365/33; 365/36;		Bullock; David Carl,	Y	Y	Y	Y	Y
76 P US 3947889 A 19760330 Electromagnetic transducers				360/315	338/32R; 360/122;		Lazzari; Jean-Pierre	Y	Y	Y	Y	Y
77 P US 3945038 A 19760316 6 Read-write magnetoresistive transd				360/315	257/E43.00 41		Lazzari; Jean-Pierre	Y	Y	Y	Y	Y
78 P US 3879760 A 19750422 5 Magnetic transducers				360/315			Lazzari; Jean-Pierre	Y	Y	Y	Y	Y
79 P US 3848217 A 19741112 5 MAGNETORESISTIVE DEVICES AND TRANSDUCERS				338/32R	257/E43.00 41		Lazzari; Jean-Pierre	Y	Y	Y	Y	Y
80 P US 3699550 A 19721017 BINARY CODED INFORMATION STORES				365/136	365/195; 365/86		Spain; Robert J.	Y	Y	Y	Y	Y
81 P US 3676873 A 19720711 MAGNETIC BUBBLE CROSSOVER CIRCUIT				365/13	365/39		Lee; Fred S.	Y	Y	Y	Y	Y
82 P JP 10188259 A 19980721 5 MAGNETIC RECORDING MEDIUM AND MAGNETIC REC							YOSHIDA, KAZUYOSHI	Y	Y	Y	Y	Y
83 P JP 09212855 A 19970815 9 MAGNETIC RECORDING MEDIUM MAGNETIC HEAD							TAKAYAMA, TAKANOBU et al.	Y	Y	Y	Y	Y
84 P JP 09115114 A 19970502 MAGNETORESISTANCE ELEMENT AND MAGNETIC H							ISHIKAWA, CHIAKI et al.	Y	Y	Y	Y	Y
85 P JP 04206017 A 19920728 4 MAGNETIC RECORDING MEDIUM AND MANUFACTURE							SUGITA, RYUJI	Y	Y	Y	Y	Y
86 P JP 03086513 A 19910411 4 MAGNETIC RECORDING MEDIUM AND ITS PRODUCTI							SUGITA, RYUJI et al.	Y	Y	Y	Y	Y
87 P JP 62060119 A 19870316 9 MAGNETIC RECORDING MEDIUM AND ITS PRODUCTI					68/23.7; 428/694T		ISHIZAKA, YASUO	Y	Y	Y	Y	Y
88 P JP 59151342 A 19840829 4 MAGNETIC RECORDING MEDIUM AND ITS MANUFACT					427/128		KISHIMOTO, MIKIO et al.	Y	Y	Y	Y	Y
89 P JP 59071121 A 19840421 4 VERTICAL MAGNETIZATION REPRODUCING HEAD							KANAI, KENJI et al.	Y	Y	Y	Y	Y
90 P JP 57150143 A 19820916 MANUFACTURE FOR MAGNETIC RECORDING MEDI							HANABUSA, HIROAKI et al.	Y	Y	Y	Y	Y
91 P JP 57150141 A 19820916 MANUFACTURE FOR MAGNETIC RECORDING MEDI							HANABUSA, HIROAKI et al.	Y	Y	Y	Y	Y
92 P JP 56094520 A 19810731 MAGNETIC RECORDING MEDIUM					428/692; 428/900		SUGITA, RYUJI et al.	Y	Y	Y	Y	Y
93 P EP 415335 A2 19910306 11 Magnetic recording medium					428/694TM		SUGITA, RYUJI et al.	Y	Y	Y	Y	Y

- Drafts
- Pending
- Active
  - L1: (2) easy adj1 magnetization
  - L2: (3300) easy adj1 magnetization
  - L3: (285596) tilt or tilted or slant or slanted
  - L4: (24) 2 with 3
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#	Type	Document ID / Issue Date	Title	Citation	Priority	Inventor	S	C	P
1	P	US 5544440 19960910	Magnetic recording medium and method for a magnetic recording medium and method for a perpendicular magnetic recording medium and/or recording method	428/336 428/694T; 428/694T;	428/694SL; 428/694T; 428/611; 428/678;	Ishida; Tatsuaki et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	P	US 5534324 19960709	Magnetic recording medium and method for a magnetic recording medium and method for a perpendicular magnetic recording medium and/or recording method	428/332 428/332	428/332 428/332	Sugita; Ryuji et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	P	US 5492774 19960220	Magnetic recording medium and method for a magnetic recording medium and/or recording method	428/694R 428/694R	428/694R 360/119;	Tateno; Yasuo et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	P	US 5427869 19950627	Magnetic recording medium and method for a magnetic recording medium and/or recording method	428/694T 428/694T	427/128; 427/599;	Sugita; Ryuji et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	P	US 5418059 19950523	Magnetic recording medium and method for a magnetic recording medium and/or recording method	428/332 428/332	428/332 428/332	Sugita; Ryuji et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	P	US 5349478 19940920	Magnetic recording and/or reproducing method	360/55	428/611;	Sato; Kenichi et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	P	US 5202149 19930413	Method for making a magnetic recording medium	427/534	204/192.32	Ishida; Tatsuaki et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	P	US 4486496 19841204	Magnetic recording medium	428/328	252/62.54; 360/134;	Dezawa; Shin-ichiro et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	P	US 4442159 19840410	Magnetic recording medium	428/212	252/62.54; 360/134;	Dezawa; Shin-ichiro et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10	P	US 3945038 19760316	Read-write magnetoresistive transducer	360/315	257/E43.00	Lazzari; Jean-Pierre	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11	P	US 3879760 19750422	Magnetic transducers	360/315	4;	Lazzari; Jean-Pierre	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12	P	US 3848217 19741112	MAGNETORESISTIVE DEVICES AND TRANSDUCERS	338/32R	257/E43.00	Lazzari; Jean-Pierre	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13	P	JP 2001176025	MAGNETORESISTANCE EFFECT SENSOR THIN FILM		4;	SAKAI, MASANORI et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14	P	JP 20010330	MAGNETIC HEAD, MANUFACTURE OF MAGNETIC HEAD			MURAMATSU, SAYURI et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15	P	JP 10188259 19980721	MAGNETIC RECORDING MEDIUM AND MAGNETIC RECORDING MEDIUM AND MAGNETIC RECORDING MEDIUM AND MAGNETIC HEAD			YOSHIDA, KAZUYOSHI	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16	P	JP 09212855 19970815	MAGNETIC RECORDING MEDIUM AND MAGNETIC HEAD			TAKAYAMA, TAKANOBU et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17	P	JP 04206017 19920728	MAGNETIC RECORDING MEDIUM AND MANUFACTURE OF MAGNETIC RECORDING MEDIUM AND ITS PRODUCT			SUGITA, RYUJI	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18	P	JP 03086913 19910411	MAGNETIC RECORDING MEDIUM AND ITS PRODUCT		73/862.336	SUGITA, RYUJI et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19	P	JP 03056835 19910312	TORQUE SENSOR AND ITS MANUFACTURE			TOMITA, SADAMI et.al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20	P	JP 62060119 19870316	MAGNETIC RECORDING MEDIUM AND ITS PRODUCT		68/23.7; 428/694T	ISHIZAKA, YASUO	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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1	P	US 5554440	19960910	Magnetic recording medium and method for a magnetic recording medium and/or a magnetic recording device	428/336	428/694SL; 428/694T; 428/611; 428/678; 428/694R	360/119; 427/128; 427/127; 427/126; 427/125; 427/124; 427/123; 427/122; 427/121; 427/120; 427/119; 427/118; 427/117; 427/116; 427/115; 427/114; 427/113; 427/112; 427/111; 427/110; 427/109; 427/108; 427/107; 427/106; 427/105; 427/104; 427/103; 427/102; 427/101; 427/100; 427/99; 427/98; 427/97; 427/96; 427/95; 427/94; 427/93; 427/92; 427/91; 427/90; 427/89; 427/88; 427/87; 427/86; 427/85; 427/84; 427/83; 427/82; 427/81; 427/80; 427/79; 427/78; 427/77; 427/76; 427/75; 427/74; 427/73; 427/72; 427/71; 427/70; 427/69; 427/68; 427/67; 427/66; 427/65; 427/64; 427/63; 427/62; 427/61; 427/60; 427/59; 427/58; 427/57; 427/56; 427/55; 427/54; 427/53; 427/52; 427/51; 427/50; 427/49; 427/48; 427/47; 427/46; 427/45; 427/44; 427/43; 427/42; 427/41; 427/40; 427/39; 427/38; 427/37; 427/36; 427/35; 427/34; 427/33; 427/32; 427/31; 4																																																																																																																							

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